

Seattle City Light



ABOUT YOUR COMMERCIAL ELECTRICITY BILL

GUIDE TO UNDERSTANDING YOUR BILL

It may be difficult to read and understand your electricity bill so we are providing explanations to help you. A sample of the bill with call-outs for items #1 through #5 is located on the other side of this page.

1. **Kilowatt-hour (KWH)** measures the amount of electricity used during the billing period. Supplying 1,000 watts continuously for one hour equals 1 KWH of energy.
2. **Kilowatt (KW)** and **Kilovolt-ampere (KVA)** measure the:
 - 2.a. **Power demand** or the maximum rate of consumption. When a customer requires a large supply of electricity — even for a brief period — we deliver. Seattle City Light maintains a system large enough to meet the highest demand.

One 100-watt light bulb operating for 10 hours uses 1 KWH of electricity. We need a 100-watt generator to handle this load. One 1,000-watt light bulb operating for one hour also uses 1 KWH of electricity but we need a 1,000-watt generator to handle the load. The energy used and billed for in each case is the same, however a charge-for-demand is made for the 1,000-watt bulb to help pay for the larger generating capacity needed.

Customers that use 50 KW of electricity or more, are **charged for demand** as well as for the energy consumed. A demand meter records peak demand, which is averaged over 15-minute intervals throughout each billing period. These data are used to calculate your demand charge, per an established rate schedule.

Can the customer reduce the amount of the demand charge?

After pinpointing when your maximum demand occurs during the day, you may be able to shift some of the load to another time. This would reduce the maximum demand level and, hence, the amount of your demand charges.



